

Supplementary material for:

Application of the Socio-Economic Impact Classification for Alien Taxa (SEICAT) to a global assessment of alien bird impacts

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Appendix B: Alien bird SEICAT assessment (species summary)

Key

Impact categories: MC = Minimal Concern; MN = Minor; MO = Moderate; MR = Major; MV = Massive

Impact mechanisms: Agr = Damage to agriculture; Avi = Risk to aviation safety; Dis A = Transmitting diseases to animals; Dis H = Transmitting diseases to humans; Fac = damage to public facilities; Nui = public nuisance

Summary Totals

Species with impacts = 57; Orders with impacts = 6

Species assigned to impact categories: MC = 7; MN = 50; MO = 2; MR = 0; MV = 0

Impacts assigned to impact categories: MC = 9; MN = 117; MO = 2; MR = 0; MV = 0

Impacts assigned to impact mechanisms: Agr = 83; Avi = 4; Dis A = 1; Dis H = 0; Fac = 26; Nui = 14

Impacts assigned to region: Africa = 7; Asia = 11; Australasia = 48; Europe = 20; Islands = 26; North America = 16; South America = 0

Confidence ratings: High = 2; Medium = 5; Low = 121

Order	Species name	Common name	Impact category	Impact mechanism	Region	Confidence rating
Anseriformes	<i>Cygnus atratus</i>	Black swan	MN	Agr	Europe	Medium
Anseriformes	<i>Cygnus atratus</i>	Black swan	MN	Agr	Australasia	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Avi	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Agr	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Fac	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Agr	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Fac	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Agr	Australasia	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Fac	Australasia	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Agr	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Fac	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Agr	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Fac	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Agr	Europe	Low
Anseriformes	<i>Branta canadensis</i>	Canada goose	MN	Fac	Europe	Low
Anseriformes	<i>Alopochen aegyptiaca</i>	Egyptian Goose	MC	Agr	Europe	Low
Anseriformes	<i>Anas platyrhynchos</i>	Mallard	MN	Agr	Australasia	Low
Anseriformes	<i>Cygnus olor</i>	Mute swan	MN	Fac	North America	Low
Anseriformes	<i>Cygnus olor</i>	Mute swan	MN	Nui	North America	Low
Anseriformes	<i>Cygnus olor</i>	Mute swan	MN	Fac	North America	Low
Anseriformes	<i>Cygnus olor</i>	Mute swan	MN	Nui	North America	Low
Columbiformes	<i>Streptopelia roseogrisea</i>	African Collared-dove	MC	Agr	Australasia	Low
Columbiformes	<i>Streptopelia roseogrisea</i>	African Collared-dove	MC	Agr	Europe	Low
Columbiformes	<i>Streptopelia decaocto</i>	Eurasian Collared-dove	MN	Agr	Asia	Low
Columbiformes	<i>Streptopelia decaocto</i>	Eurasian Collared-dove	MN	Agr	Asia	Low
Columbiformes	<i>Streptopelia decaocto</i>	Eurasian Collared-dove	MN	Agr	Asia	Low
Columbiformes	<i>Streptopelia decaocto</i>	Eurasian Collared-dove	MN	Agr	Asia	Low
Columbiformes	<i>Streptopelia decaocto</i>	Eurasian Collared-dove	MN	Agr	North America	Low
Columbiformes	<i>Streptopelia decaocto</i>	Eurasian Collared-dove	MN	Agr	Island	Low
Columbiformes	<i>Streptopelia</i>	Laughing dove	MN	Agr	Australasia	Low

Order	Species name	Common name	Impact category	Impact mechanism	Region	Confidence rating
Columbiformes	<i>Streptopelia</i>	Laughing dove	MN	Fac	Australasia	Low
Columbiformes	<i>Streptopelia</i>	Laughing dove	MN	Dis	Australasia	Low
Columbiformes	<i>Streptopelia chinensis</i>	Spotted dove	MN	Agr	Australasia	Low
Columbiformes	<i>Streptopelia chinensis</i>	Spotted dove	MN	Fac	Island	Low
Falconiformes	<i>Milvago chimango</i>	Chimango Caracara	MN	Agr	Island	Low
Galliformes	<i>Callipepla californica</i>	California quail	MN	Agr	Australasia	Low
Galliformes	<i>Bambusicola thoracicus</i>	Chinese Bamboo-partridge	MN	Agr	Asia	Low
Galliformes	<i>Alectoris chukar</i>	Chukar	MN	Agr	North America	Low
Galliformes	<i>Pavo cristatus</i>	Common peafowl	MN	Nui	Australasia	Low
Galliformes	<i>Pavo cristatus</i>	Common peafowl	MN	Fac	Australasia	Low
Galliformes	<i>Phasianus colchicus</i>	Common pheasant	MN	Agr	Europe	Low
Galliformes	<i>Phasianus colchicus</i>	Common pheasant	MN	Agr	North America	Low
Galliformes	<i>Phasianus colchicus</i>	Common pheasant	MN	Agr	Australasia	Low
Galliformes	<i>Phasianus colchicus</i>	Common pheasant	MN	Agr	Island	Low
Galliformes	<i>Phasianus colchicus</i>	Common pheasant	MN	Agr	Island	Low
Galliformes	<i>Gallus varius</i>	Green Junglefowl	MN	Agr	Island	Low
Galliformes	<i>Gallus varius</i>	Green Junglefowl	MN	Nui	Island	Low
Galliformes	<i>Francolinus</i>	Grey Francolin	MN	Agr	Island	Low
Galliformes	<i>Numida meleagris</i>	Helmeted guineafowl	MN	Agr	Africa	Low
Galliformes	<i>Tetrao urogallus</i>	Western Capercaillie	MN	Agr	Europe	Low
Passeriformes	<i>Corvus brachyrhynchos</i>	American Crow	MC	Agr	Island	Low
Passeriformes	<i>Corvus brachyrhynchos</i>	American Crow	MC	Nui	Island	Low
Passeriformes	<i>Gymnorhina tibicen</i>	Australian Magpie	MC	Nui	Australasia	Low
Passeriformes	<i>Pica pica</i>	Black-billed Magpie	MN	Fac	Asia	Low
Passeriformes	<i>Fringilla coelebs</i>	Chaffinch	MN	Agr	Australasia	Low
Passeriformes	<i>Acridotheres tristis</i>	Common myna	MN	Agr	Australasia	Low
Passeriformes	<i>Acridotheres tristis</i>	Common myna	MN	Agr	Africa	Low
Passeriformes	<i>Acridotheres tristis</i>	Common myna	MN	Nui	Island	Low
Passeriformes	<i>Carduelis flammea</i>	Common redpoll	MN	Agr	Australasia	Low
Passeriformes	<i>Sturnus vulgaris</i>	Common starling	MO	Avi	North America	High
Passeriformes	<i>Sturnus vulgaris</i>	Common starling	MN	Agr	Australasia	Low
Passeriformes	<i>Sturnus vulgaris</i>	Common starling	MN	Agr	North America	Low
Passeriformes	<i>Sturnus vulgaris</i>	Common starling	MN	Agr	Africa	Low
Passeriformes	<i>Estrilda astrild</i>	Common waxbill	MN	Agr	Island	Low
Passeriformes	<i>Acridotheres cristatellus</i>	Crested Myna	MN	Agr	North America	Low
Passeriformes	<i>Turdus merula</i>	Eurasian blackbird	MO	Agr	Australasia	Medium
Passeriformes	<i>Turdus merula</i>	Eurasian blackbird	MN	Agr	Australasia	Low
Passeriformes	<i>Carduelis carduelis</i>	Goldfinch	MN	Agr	Australasia	Low
Passeriformes	<i>Carduelis carduelis</i>	Goldfinch	MN	Agr	Australasia	Low
Passeriformes	<i>Carduelis chloris</i>	Greenfinch	MN	Agr	Australasia	Low
Passeriformes	<i>Prunella modularis</i>	Hedge Accentor	MN	Agr	Australasia	Medium
Passeriformes	<i>Corvus splendens</i>	House Crow	MN	Nui	Africa	Low
Passeriformes	<i>Corvus splendens</i>	House Crow	MN	Agr	Africa	Low
Passeriformes	<i>Carpodacus mexicanus</i>	House Finch	MN	Agr	Island	Low
Passeriformes	<i>Passer domesticus</i>	House sparrow	MN	Agr	Australasia	Low
Passeriformes	<i>Passer domesticus</i>	House sparrow	MN	Fac	Australasia	Low
Passeriformes	<i>Passer domesticus</i>	House sparrow	MN	Agr	Australasia	Low
Passeriformes	<i>Passer domesticus</i>	House sparrow	MN	Agr	North America	Low
Passeriformes	<i>Passer domesticus</i>	House sparrow	MN	Agr	North America	Low
Passeriformes	<i>Passer domesticus</i>	House sparrow	MN	Fac	North America	Low
Passeriformes	<i>Passer domesticus</i>	House sparrow	MN	Agr	Africa	Low
Passeriformes	<i>Zosterops japonicus</i>	Japanese White-eye	MN	Agr	Island	Medium
Passeriformes	<i>Pycnonotus sinensis</i>	Light-vented Bulbul	MN	Agr	Asia	Low

Order	Species name	Common name	Impact category	Impact mechanism	Region	Confidence rating
Passeriformes	<i>Pycnonotus cafer</i>	Red-vented Bulbul	MN	Agr	Island	Medium
Passeriformes	<i>Pycnonotus cafer</i>	Red-vented Bulbul	MN	Agr	Island	Low
Passeriformes	<i>Pycnonotus jocosus</i>	Red-whiskered bulbul	MN	Agr	Australasia	Low
Passeriformes	<i>Pycnonotus jocosus</i>	Red-whiskered bulbul	MN	Agr	North America	Low
Passeriformes	<i>Pycnonotus jocosus</i>	Red-whiskered bulbul	MN	Agr	Island	Low
Passeriformes	<i>Pycnonotus jocosus</i>	Red-whiskered bulbul	MN	Agr	Asia	Low
Passeriformes	<i>Corvus frugilegus</i>	Rook	MN	Agr	Australasia	Low
Passeriformes	<i>Turdus philomelos</i>	Song thrush	MN	Agr	Australasia	Low
Passeriformes	<i>Passer montanus</i>	Tree sparrow	MN	Agr	Australasia	Low
Passeriformes	<i>Passer montanus</i>	Tree sparrow	MN	Agr	Asia	Low
Passeriformes	<i>Mimus gilvus</i>	Tropical Mockingbird	MC	Nui	Island	Low
Passeriformes	<i>Ploceus cucullatus</i>	Village Weaver	MN	Agr	Island	Low
Passeriformes	<i>Ploceus cucullatus</i>	Village Weaver	MN	Agr	Island	Low
Passeriformes	<i>Ploceus cucullatus</i>	Village Weaver	MN	Agr	Island	Low
Psittaciformes	<i>Psittacula eupatria</i>	Alexandrine Parakeet	MC	Fac	Asia	Low
Psittaciformes	<i>Aratinga pertinax</i>	Brown-throated Parakeet	MN	Agr	Island	Low
Psittaciformes	<i>Melopsittacus undulatus</i>	Budgerigar	MN	Agr	North America	Low
Psittaciformes	<i>Platycercus eximius</i>	Eastern Rosella	MN	Agr	Australasia	Low
Psittaciformes	<i>Agapornis fischeri</i>	Fischer's Lovebird	MN	Agr	Africa	Low
Psittaciformes	<i>Cacatua roseicapilla</i>	Galah	MN	Agr	Australasia	Low
Psittaciformes	<i>Cacatua roseicapilla</i>	Galah	MN	Fac	Australasia	Low
Psittaciformes	<i>Cacatua sanguinea</i>	Little Corella	MN	Agr	Australasia	Low
Psittaciformes	<i>Cacatua sanguinea</i>	Little Corella	MN	Fac	Australasia	Low
Psittaciformes	<i>Cacatua sanguinea</i>	Little Corella	MN	Fac	Australasia	Low
Psittaciformes	<i>Cacatua sanguinea</i>	Little Corella	MN	Nui	Australasia	Low
Psittaciformes	<i>Cacatua tenuirostris</i>	Long-billed Corella	MN	Agr	Australasia	Low
Psittaciformes	<i>Cacatua tenuirostris</i>	Long-billed Corella	MN	Fac	Australasia	Low
Psittaciformes	<i>Cacatua tenuirostris</i>	Long-billed Corella	MN	Fac	Australasia	Low
Psittaciformes	<i>Cacatua tenuirostris</i>	Long-billed Corella	MN	Nui	Australasia	Low
Psittaciformes	<i>Myiopsitta monachus</i>	Monk parakeet	MN	Fac	North America	High
Psittaciformes	<i>Trichoglossus</i>	Rainbow Lorikeet	MN	Agr	Australasia	Low
Psittaciformes	<i>Trichoglossus</i>	Rainbow Lorikeet	MN	Nui	Australasia	Low
Psittaciformes	<i>Psittacula krameri</i>	Rose-ringed parakeet	MN	Agr	Island	Low
Psittaciformes	<i>Psittacula krameri</i>	Rose-ringed parakeet	MN	Nui	Island	Low
Psittaciformes	<i>Psittacula krameri</i>	Rose-ringed parakeet	MN	Fac	Island	Low
Psittaciformes	<i>Psittacula krameri</i>	Rose-ringed parakeet	MN	Agr	Europe	Low
Psittaciformes	<i>Psittacula krameri</i>	Rose-ringed parakeet	MN	Nui	Europe	Low
Psittaciformes	<i>Psittacula krameri</i>	Rose-ringed parakeet	MN	Fac	Europe	Low
Psittaciformes	<i>Psittacula krameri</i>	Rose-ringed parakeet	MN	Avi	Europe	Low
Psittaciformes	<i>Psittacula krameri</i>	Rose-ringed parakeet	MN	Avi	Island	Low
Psittaciformes	<i>Cacatua galerita</i>	Sulphur-crested Cockatoo	MN	Agr	Australasia	Low
Psittaciformes	<i>Cacatua galerita</i>	Sulphur-crested Cockatoo	MN	Fac	Australasia	Low
Psittaciformes	<i>Cacatua galerita</i>	Sulphur-crested Cockatoo	MN	Agr	Australasia	Low
Psittaciformes	<i>Cacatua galerita</i>	Sulphur-crested Cockatoo	MN	Fac	Australasia	Low
Psittaciformes	<i>Cacatua sulphurea</i>	Yellow-crested Cockatoo	MC	Fac	Asia	Low